

Program Planning Guide

Bachelor of Science: Biology

YOUR COURSE PLANNING: This worksheet has been created as a guide for admitted students. Note, your course planning may look different than another student; this worksheet has been designed for students wishing to complete their program within a four-year timeline. Students may elect to take part-time studies or a reduced course load. Refer to the [Undergraduate Academic Regulations](#) within the Undergraduate Calendar for more information.

For requirements that have a “pick list” (i.e. *choose one of*) please visit the Undergraduate Calendar to see a detailed list. The list or requirements may change, so please ensure you follow the appropriate requirements ([the 2024-2025 Undergraduate Calendar](#)). After July 1, 2024, you can find the calendar in a [PDF format](#).

100/200 Level Requirements			
Requirements	Credit Hours	Course Selected	Done
BIOL 103	3		
BIOL 104	3		
BIOL 123	1		
BIOL 124	1		
CHEM 100	3		
CHEM 101	3		
CHEM 120	1		
CHEM 121	1		
NRES 100 or ENGL 170	3		
MATH 152 or MATH 100	3		
PHYS 115 or PHYS 100 or PHYS 110	4		
BIOL 201	3		
BIOL 202	3		
BIOL 203	3		
BIOL 204	3		
BIOL 210	3		
CHEM 201	3		
CHEM 203	3		
CHEM 204	3		
STAT 240	3		
200 level course (see calendar entry for list)	3		
200 level course (see calendar entry for list)	3		
300/400 Level Requirements			
BIOL 311	3		
BIOL 323	3		
BIOL 325	3		
One of: BIOL 304 or BIOL 321	3		

300/400 Level Requirements			
Requirements	Credit Hours	Course Selected	Done
Two of: BIOL 301, BIOL 307, BIOL 308, BIOL 318	3		
BIOL 411	3		
One of: BIOL 404, BIOL 406, BIOL 412	3		
Subject requirements: eighteen additional credit hours (of which at least 9 must be 400-level) of 300/400-level BIOL, or ENSC 406-4 or FSTY 307-3	3		
Additional requirement: See calendar entry for list of available courses or course prefixes	3		
Other			
Electives: any level	3		
	3		
	3		
	3		
	3		
	3		
	3		
Total Credit Hours	125		

BREADTH REQUIREMENT: The [Academic Breadth Requirement](#) is naturally satisfied within the curricula of the Bachelor of Science Biology program.

UNDERGRADUATE CALENDAR: It is the student's responsibility to be aware of all University of Northern British Columbia [Undergraduate Calendar](#) regulations. Academic regulations, program information and course information and pre-requisites can be found in this document.

EFFECTIVE SEPTEMBER 2024

NOTE: Although every attempt has been made to ensure the information on this worksheet is accurate, in the case of any discrepancy the Academic Calendar shall be considered the authority. This program planning worksheet is an unofficial planning tool for students new to UNBC and for students in a non-competitive entry program. Once your program has been declared, please use your degree evaluation as it is the official degree program-tracking document. You can find more information about your degree evaluation and how to run one at unbc.ca/advising.

Sample Sequencing Plan

Course Notes

First Year	
Fall	Winter
BIOL 103 and BIOL 123	BIOL 104 and BIOL 124
CHEM 100 and CHEM 120	CHEM 101 and CHEM 121
MATH 152 or MATH 100	NRES 100 or ENGL 170
PHYS 115 or PHYS 100	Elective or MATH 101 (if took MATH 100, recommended not required)
Elective	Elective
Second Year	
BIOL 201	BIOL 202
BIOL 204	BIOL 203
CHEM 201	BIOL 210
STAT 240	CHEM 203
Elective or Subject or Additional requirement	CHEM 204
Third Year	
BIOL 311	BIOL 323
One of: BIOL 301*, BIOL 307, BIOL 308, BIOL 318*	BIOL 325
One of: BIOL 301*, BIOL 307, BIOL 308, BIOL 318*	One of: BIOL 304 or BIOL 321
Elective or Subject or Additional requirement	Elective/Subject requirement
Elective/Subject requirement	Elective/Subject requirement
Fourth Year	
One of: BIOL 404, BIOL 406, BIOL 412	BIOL 411
Elective/Subject requirement	Elective/Subject requirement
Elective/Subject requirement	Elective/Subject requirement
Elective/Subject requirement	Elective/Subject requirement
Elective/Subject requirement	Elective/Subject requirement

- STAT 240 should be taken early in progression as it begins an important succession of courses: STAT 240 → BIOL 325 → BIOL 410
- Students without Pre-Calculus 12 (high school) may register in MATH 115 as a prerequisite for MATH requirements, and co-requisite for CHEM 100 and CHEM 120.
- Students who have completed Physics 12 should take PHYS 100 or PHYS 110 instead of PHYS 115.
- *BIOL 301 and BIOL 318 are on alternating September/May schedules. Please see your Student Advisor for more information.
- Beginning in the 2019-2020 academic year, students may [choose from five optional Areas of Specialization](#). Students considering an Area of Specialization are advised to visit their Student Advisor to discuss and plan program progression.

Advisor Notes

STUDENT ADVISING: Is available by phone, email or in person. To book an appointment or to see when drop-ins are scheduled, please contact advising@unbc.ca or call 250.960.6306.

DEGREE EVALUATIONS: The [Degree Evaluation](#) is an interpretation of the Undergraduate Calendar for the year that you were admitted under, and helps display the requirements needed for your Program.

DOUBLE MAJORS: Students who are considering a double major should speak with their Student Advisor as soon as possible.

MINORS: To see available minors, please refer to the [Declaration of Minor form](#) or look in the Program pages of the [Undergraduate Calendar](#). Minors are a structured way to use your electives while also completing a secondary concentration.

RESIDENCY REQUIREMENT: Students must complete a minimum of 30 credit hours of upper division UNBC course work to receive a UNBC degree.

TIME LIMIT: Except by permission of the Dean, students must complete their undergraduate degree program within 15 years of their first semester of registration.

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